WJ-NX100/2E
New functions and revisions (Software V5.10)

The recorder will be able to provide the following new functions by updating the software.

It also contains the latest information related to the Operating Instructions.

Details on the new functions and revisions	Reference pages
Addition of description **Restrictions when using this product** **When registering the new U series of network cameras** ・If the recording frame rate is set to 60 ips/50 ips, the frame rate of the multi-screen display will drop to 10 ips/8.3 ips. ・If the recording frame rate is set to 60 ips/50 ips, SD backup cannot be used. ・The new U series cameras refer to the following part numbers [as of June 2022]. WV-U61300, WV-U61301, WV-U65300, WV-U65301, WV-U65302	Page 8

Addition of description
Restrictions when using this product
When registering the Network Camera New S Series
・The new S series cameras refer to the following part numbers [as of June 2022].
  WV-S1136, WV-S1536L*, WV-S1536LN, WV-S2136*, WV-S2136L, WV-S2236L, WV-S2536L*, WV-S2536LN, WV-S61301, WV-S61302, WV-S65340
  * Excluding U.S.A.
	Page 8

WJ-NX100/2E
New functions and revisions (Software V5.00)

The recorder will be able to provide the following new functions by updating the software.

It also contains the latest information related to the Operating Instructions.

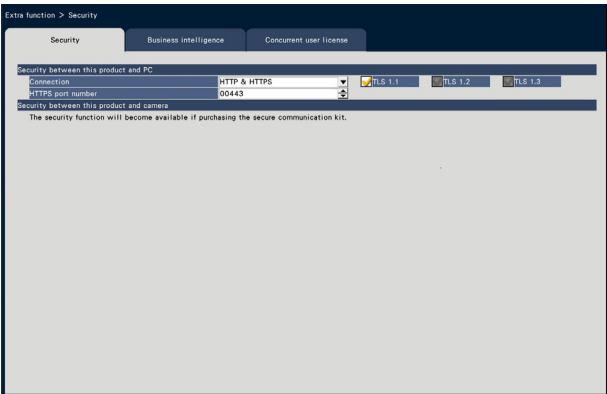| Details on the new functions and revisions	Reference pages
Company name change (Installation Guide, Important Information and Operating Instructions have been revised) The logo on the front cover and the company name on the back cover have been changed.	Front cover, back cover
Change of terminology (modified in the main body of the Operating Instructions) Panasonic alarm protocol has changed to TCP alarm notification.	All pages
Delete the description **Delete the description of FTP from the Operating Instructions and Important Information.**	Operating Instructions Page 49, 59, 60, 71, 76, 94, 96, 102, 161, 209, 210 Important Information Page 9, 19
Addition of description **Restrictions when using this product** **When displaying live images from the camera** ・After settings are changed, it may take up to 10 seconds for the camera's live image to be displayed.	Page 5
Change of name **Restrictions when using this product** Panasonic Security Viewer → i-PRO Mobile APP	Page 7

Details on the new functions and revisions	Reference pages

Addition of description
Restrictions when using this product
When registering a network camera of WV-S8543 series, WV-S8544 series, WV-S8563 series, WV-S8564 series, WV-S8573 series, WV-S8574 series
・Adjust the following setting values for each camera number of the same camera.
  - Camera authentication method
  - Compression method, image capture size, frame rate and resolution of camera images
  - Recording settings (audio compression method)
  - SD memory backup setting, smart coding (GOP control) setting
  - Security between this product and the camera (connection method, data encryption setting)
・MJPEG cannot be selected as the image compression method.
・SD memory backup is possible only when the image compression method is H.265 (1) and the image capture size is WQHD (2560×1440), FHD (1920×1080), 4M (1440x2560) and 2M (1080x1920).
・Automatic IP address assignment is available only for cameras with the option "-1". (☞page 21)
・If multiple camera numbers of the same camera are selected and the settings are sent, the settings may not be reflected. If an error occurs, select the camera number where the error occurred and send the settings again. (☞page 25)
・You may not be able to set the vertical image capture size depending on the camera settings.
・If you use the camera in Quad mode or Panorama mode, select blank for the part number option (☞page 25). For details on how to change the imaging mode, refer to the camera's instruction manual.
If the camera's image capture mode is Quad mode or Panorama mode, the settings on the Camera Settings tab (☞page 25) and the camera operations (☞page 137) will not work properly.
	Page 8

Addition of description **Restrictions when using this product** **When registering a network camera of WV-S15500 series, WV-S22500 series, WV-S25500 series** ・If the compression method is MJPEG and the resolution is larger than FHD (1920x1080), the upper limit of the frame rate for recording may be 2 ips or less depending on the settings on the camera side.	Page 8
Addition of description **Restrictions when using this product** **When registering a network camera of WV-S15600 series, WV-S15700 series, WV-S22600 series, WV-S22700 series, WV-S25600 series, WV-S25700 series** ・When the frame rate for recording is set to 30 ips/25 ips, the frame rate of the monitor display in multi-screen mode will be reduced to 15 ips/12.5 ips. ・WV-S15700, WV-S22700 and WV-S25700 can be set to 4KUHD (3840×2160) or 8M (2160×3840) with a compression method of H.265 (smart coding is set to Off) at a resolution of 25 ips or higher: XF, and to H.264 at a resolution of 10 ips or higher: XF and SF. When set to 25 ips or higher resolution: SF, the bit rate exceeds 12 Mbps and SD memory backup will not work. In addition, changing to these settings during SD memory backup will not change the bit rate and thus will not allow proper recording. ・If Stream 1 is set to 25 fps or 30 fps on the camera side, the frame rate for Stream 3 and Stream 4 recordings will be up to 15 ips. ・If the image capture size of Stream 4 is HD (1280×720), the maximum frame rate of recording will be 15 ips. ・If the compression method is MJPEG and the image capture size is larger than FHD (1920x1080), the upper limit of the frame rate for recording may be less than 3 ips, depending on the settings on the camera side.	Page 8
Addition of description **[Start IP address]** **Note:** ・If this product does not automatically assign an IP address to the camera, set a fixed IP address to the camera that can communicate with this product.	Page 15

Details on the new functions and revisions	Reference pages
Addition of description **Set up recording for individual cameras [Advanced recording setup]** Addition of image capture size 　\<When the aspect ratio is 16:9\> 　HVGAW(640×360) / HD(1280×720) / FHD(1920×1080) / WQHD(2560×1440) / 　<u>4M(2688x1520) /</u> 5M(3072×1728) / <u>6M(3328x1872) /</u> 4KUHD(3840×2160) 　\<When the aspect ratio is 9:16\> 　0.2M(360×640) / 1M(720×1280) / 2M(1080×1920) / 4M(1440×2560) / 　<u>4M(1520x2688) /</u> 5M(1728×3072) / <u>6M(1872x3328) /</u> 8M(2160×3840)	Page 44
Addition of description **Confirm the hard disk drive information [HDD information]** **Note:** ・If this product is under heavy load, images may not be recorded for several seconds at layback during mirroring recovery.	Page 72
Addition of items to the list of Setting items 　REC & Event>Recording setup	Page 90

Setting item		Available range	Default	Remarks
Advanced recording setup	Image capture size	When the aspect ratio is 16:9 <u>4M(2688x1520), 6M(3328x1872)</u> added When the aspect ratio is 9:16 <u>4M(1520x2688), 6M(1872x3328)</u> added	VGA (640x480)	◎

Changes of description **Footnotes of Error Log** ＊ HDD skipping is a function that allows recording to continue on the next HDD in the recording order in the event of a write error or other problem with the HDD. Skipping speeds up overwritten recording, thus shortening the date/time range of the recorded image. If there is only one HDD, recording will continue from the beginning of that HDD. In this case, the date/time range of the recorded image will be shortened as well.	Page 101
Folder renaming **About captured images** 　File format for recorded images: JPEG (DPOF-compatible) 　Destination to save: USB medium DCIM¥100_IPRO¥ P1000001.jpg 　　　　　　　　　　　　　　　　　　　　　P1000002.jpg, ... * The folder will be created from 100_IPRO to 999_IPRO. If the folder already contains the file P1000999.jpg, a folder with a new number will be created.	Page 139

WJ-NX100/2E
New functions and revisions (Software V4.60)

The recorder will be able to provide the following new functions by updating the software.

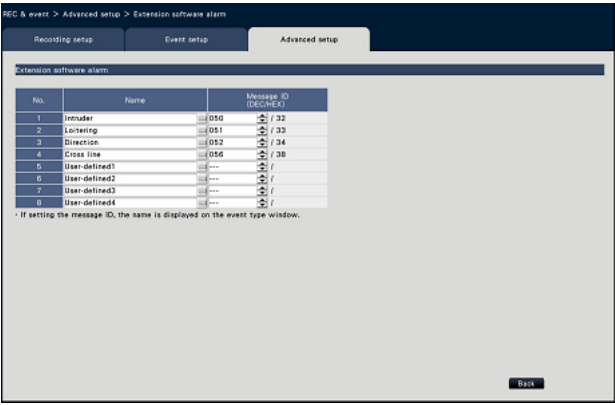It also contains the latest information related to the Operating Instructions.

Details on the new functions and revisions	Reference pages
Addition of description Restrictions when using this product **When registering network cameras WV-S4156, WV-S4176, WV-S4556L, WV-S4576L** ●For WV-S4176 and WV-X4576L, if the recording mode is set to "1-screen PTZ" and the installation position is set to "Wall", the resolution cannot be set to 5M (2560x1920). ●For WV-S4176 and WV-X4576L, if the compression method is set to MJPEG and the resolution is set to 9M (2992 x 2992) or 5M (2192 x 2192), depending on the settings of the camera side, the upper limit of the recording frame rate could be 1 or 2 ips. ●If the settings of Super dynamic and Wide dynamic range are changed, a temporary camera communication error may cause. ●AI privacy guard recording is not supported.	Page 8
Screen change Set the extra function [Extra function] TLS 1.3 Addition 	Page 84
Addition of items to the list of Setting items. Extra function＞Security	Page 89

Extra function＞Security

Setting item	Available range		Default	Remarks
Security between this product and PC	TLS 1.3	Check Yes/No	Yes, fixed	◎

Addition of items to the list of Error log.

Reference page: Page 99

Description	Display of the status display panel	Error log	Output from connector
The trial period for the ext. software of the camera has expired.	Ext. S/W expired:Cam.cc	Ext. software expired:Cam.cc	Camera error
Changed angle of the camera	Changed angle:Cam.cc	Changed angle:Cam.cc	Camera error
Recover angle of the camera	－	Recover angle:Cam.cc	－

Details on the new functions and revisions	Reference pages
Email notification Addition of description	Page 200

Indication	Description
Status	Changed angle:CAM xxx CHANGED FROM INSTALLATION ANGLE Recover angle:CAM xxx RECOVERED TO INSTALLATION ANGLE The trial period for the ext. software has expired: CAM xxx EXTENSION SOFTWARE TRIAL PERIOD EXPIRED

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WJ-NX100/2E
New functions and revisions (Software V4.50)

</div>

The recorder will be able to provide the following new functions by updating the software.

It also contains the latest information related to the Operating Instructions.

Details on the new functions and revisions	Reference pages
Addition of description **Restrictions when using this product** **When using AI privacy guard recording** ●Depending on the camera, the upper limit of the frame rate differs when AI privacy guard is set. For details, please refer to the operating instructions of the camera.	Page 5
Changes of description **Restrictions when using this product** **When registering the network camera U series** ●~~The supported camera firmware is V1.10 or later.~~ ●Cameras without "A" in the part number do not support H.264 function. Do not set H.264 as the compression method. ●Cameras without "A" in the part number do not support the security extension function. Do not set the connection method to HTTPS as the security settings between the recorder and the camera. ● U series cameras refer to the following product numbers [as of August 2021]. WV-U1130, WV-U1132, WV-U1142, WV-U1532L, WV-U1542L, WV-U2130L, WV-U2132L, WV-U2140L, WV-U2142L, WV-U2530L, WV-U2532L, WV-U2540L, WV-U2542L, <u>WV-U1130A, WV-U1132A, WV-U1142A, WV-U1532LA, WV-U1542LA, WV-U2130LA, WV-U2132LA, WV-U2140LA, WV-U2142LA, WV-U2530LA, WV-U2532LA, WV-U2540LA, WV-U2542LA</u>	Page 7
Description addition change Language tab ［Language］ 日本語/ English/ Français/ Español/ Deutsch/ Italiano/ Русский/ Português/ ไทย/ <u>簡体中文/ 繁體中文</u> Default: English	Page 13
Changes to the screen ［Extension software alarm］ Addition of setting change items（1~4） **Changes of description** 　**[Message ID]** 　Select alarm message ID to be received as extension software alarms <u>1</u> to 8 in decimal number (000 to 255). 　**Note:** 　●~~50, 51, 52, and 56 cannot be set.~~	Page 49

Details on the new functions and revisions	Reference pages
List of setting items Changes of description Date/Language＞Language	Page 86

Setting item	Available range	Default	Remarks
Language	日本語/ English/ Français/ Español/ Deutsch/ Italiano/ Русский/ Português/ ไทย/ <u>簡体中文/繁體中文</u> (Web browser: Japanese/ English/ Français/ Español/ Deutsch/ Italiano/ Russian/ Português/ Thai/ <u>Simplified Chinese、 Traditional Chinese</u>)	English (Web browser: English)	◎

Details on the new functions and revisions	Reference pages
List of setting items Changes of description REC & event＞Advanced setup	Page 92

Setting item		Available range	Default	Remarks
Extension software alarm	Message ID	000 to 255,---	No.1：50, No.2：51, No.3：52, No.4：56, No.5-8：---	◎

Details on the new functions and revisions	Reference pages
Changes of description Uninstall the viewer software **Step 2** Select "<u>WebVideo ActiveX NX 7</u>" (the program to be deleted) from the presently installed programs, and then right-click on it.	Page 192

Details on the new functions and revisions	Reference pages
Changes of description How to use the viewer software Select "NX_Viewer" from the start menu ("~~All programs~~ ~~–~~ ~~Panasonic~~ – "Network Disk Recorder" – "NX_Viewer") or double-click the NX_Viewer icon on the desktop.	Page 193

Details on the new functions and revisions	Reference pages
Changes of description **Troubleshooting**	Page 207

Symptom	Cause/solution	Reference
The following message is displayed on the information bar. "This site might require the following ActiveX control: 'wvasetupnx. exe' from '<u>Panasonic i-PRO Sensing Solutions Co., Ltd</u>'. Click here to install..."	●Click the information bar and select "Install ActiveX Control...". Click the "Install" button on the displayed "Security Warning" window.	–